



TECHNICAL DATA SHEET

TURNSTILE AND ESD MONITORING SYSTEM

Secure Access, Static-Free Workspaces

An integrated access control system that ensures only ESD-compliant personnel can enter controlled areas. It combines turnstiles with real-time wrist strap and footwear testing to enhance safety, protect equipment, and maintain ESD standards.



TECHNICAL DATA

Specification	Details
Wrist Strap Test Range	750 k Ω to 35 M Ω (adjustable)
Footwear Test Range	750 k Ω to 100 M Ω (adjustable)
Test Voltage	DC 9V or 12V (low current, human-safe)
Turnstile Type	Single/dual lane tripod or flap barrier (customizable)
Access Method	RFID, biometric, keypad, or multi-factor authentication
Display	LED or LCD with pass/fail indicators
Audible Alarm	Buzzer for failed ESD test or unauthorized entry
Installation Location	Indoor, cleanroom entry points, production areas

PRODUCT INFO

The Turnstile and ESD Monitoring System is an integrated access control solution that combines personnel entry management with electrostatic discharge (ESD) safety checks. It verifies ESD wrist strap and footwear compliance before granting access through the turnstile, ensuring only properly grounded personnel enter sensitive areas like cleanrooms or electronic production zones.

PRODUCT FEATURES

- Entry is permitted only after passing ESD compliance check.
- Displays pass/fail status instantly with visual and audible indicators.
- Supports RFID badges, biometric scanners, or keypads for user identification.
- Records test results, timestamps, and personnel IDs for compliance tracking.
- Sends alerts for test failures or system errors via display or central monitoring.

CONTACT

Pro Board Technology Services Corporation

Blk 2 Lot 5 Annex A, Complex Ave., People's Technology Complex,
Carmona, Cavite, 4116, Philippines

Telephone No.: +63 8552 5131 loc 102

Email: pbts_sales@pbts-tech.com

Website: www.pbts-tech.com